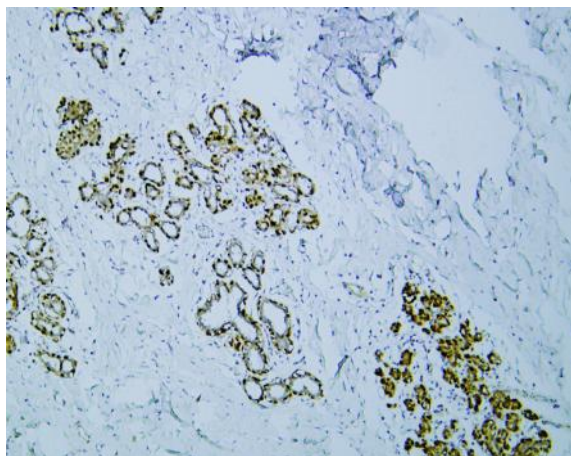


## Maspin (PTR2150) mouse mAb

<b>Catalog No :</b>	YM4478
<b>Reactivity :</b>	Human;
<b>Applications :</b>	IHC;WB;IF;ELISA
<b>Target :</b>	Maspin
<b>Fields :</b>	>>p53 signaling pathway;>>MicroRNAs in cancer
<b>Gene Name :</b>	SERPINB5
<b>Protein Name :</b>	Serpin B5
<b>Human Gene Id :</b>	5268
<b>Human Swiss Prot No :</b>	P36952
<b>Mouse Gene Id :</b>	20724
<b>Mouse Swiss Prot No :</b>	P70124
<b>Rat Gene Id :</b>	116589
<b>Rat Swiss Prot No :</b>	P70564
<b>Immunogen :</b>	Synthesized peptide derived from human Maspin. AA range: 300-375
<b>Specificity :</b>	This antibody detects endogenous levels of Maspin protein.
<b>Formulation :</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source :</b>	Mouse, Monoclonal/IgG
<b>Dilution :</b>	IHC 1:200-1000. WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000
<b>Purification :</b>	Protein G

<b>Storage Stability :</b>	-15 °C to -25 °C/1 year(Do not lower than -25 °C)
<b>Molecularweight :</b>	42kD
<b>Observed Band :</b>	40kD
<b>Cell Pathway :</b>	p53;
<b>Background :</b>	Predicted to enable serine-type endopeptidase inhibitor activity. Predicted to be involved in negative regulation of endopeptidase activity. Predicted to act upstream of or within several processes, including extracellular matrix organization; prostate gland morphogenesis; and regulation of epithelial cell proliferation. Located in cytoplasm. Biomarker of hepatocellular carcinoma. [provided by Alliance of Genome Resources, Apr 2022]
<b>Function :</b>	function:Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.,similarity:Belongs to the serpin family. Ov-serpin subfamily.,tissue specificity:Normal mammary epithelial cells.,
<b>Subcellular Location :</b>	Cytoplasmic
<b>Expression :</b>	Normal mammary epithelial cells.

## Products Images



Human breast tissue was stained with Anti-Maspin (PTR2150) Antibody